

LINAC LLRF INTERLOCKS PRE-STARTUP CHECKLIST

Conditions: ACIS must be enabled. Turn RF on at the Trigger/Interlock NIM module. Perform checks of the Klystron Drive interlocks by interrupting the interlocked function or adjusting or disconnecting the sensor.

Test Criteria: Observe that on the front panel of the Trigger/Interlock module the green “RF ON” indicator goes out and the red indicator for the checked interlock illuminates.

Restoration: Upon completion of each check restore interlock function, reset PLC to clear and turn RF on again.

TEST: Water Flow @ all stations by interrupting the interlock paths @ L?:LL:RA:1 TB1-2.

Station	L1 Pass/Fail	L2 Pass/Fail	L3 Pass/Fail	L4 Pass/Fail	L5 Pass/Fail	L6 Pass/Fail
Sign & Date						

RESTORE: Reconnect the interlock paths, and turn RF on again.

TEST: Vacuum @ all stations by interrupting the interlock paths @ L?:LL:RA:1 TB1-6..

Station	L1 Pass/Fail	L2 Pass/Fail	L3 Pass/Fail	L4 Pass/Fail	L5 Pass/Fail	L6 Pass/Fail
Sign & Date						

RESTORE: Reconnect the interlock paths, and turn RF on again.

TEST: Pressure (SF6) @ all stations by interrupting the interlock paths @ L?:LL:RA:1 TB1-4.

Station	L1 Pass/Fail	L2 Pass/Fail	L3 Pass/Fail	L4 Pass/Fail	L5 Pass/Fail	L6 Pass/Fail
Sign & Date						

RESTORE: Reconnect the interlock paths, and turn RF on again.

TEST: SLED Needle Position @ all stations by interrupting the interlock paths @ L?:LL:RA:1 TB1-8.

Station	L1 Pass/Fail	L2 Pass/Fail	L3 Pass/Fail	L4 Pass/Fail	L5 Pass/Fail	L6 Pass/Fail
Sign & Date						

RESTORE: Reconnect the interlock paths, and turn RF on again.

TEST: Switch Mode @ all stations by interrupting the interlock paths @ L?:LL:RA:1 TB1-14.

Station	L1 Pass/Fail	L2 Pass/Fail	L3 Pass/Fail	L4 Pass/Fail	L5 Pass/Fail	L6 Pass/Fail
Sign & Date				Jumpered	Jumpered	

RESTORE: Reconnect the interlock paths, and turn RF on again.

